

20040123.qrp v03_n174.qrl.20040123

Date: Fri, 23 Jan 2004 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3174

QRP-L Digest 3174

Topics covered in this issue include:

- 1) [166069] Radiondistics spam
by Al Scanandoah <k2zn@rochester.rr.com>
- 2) [166070] FS/FT: MFJ-451 Keyer
by "Jim Sheldon" <w0eb@cox.net>
- 3) [166071] Truffle report
by "Juan Ferrari" <puntrad@usa.net>
- 4) [166072] FS/FT MFJ-451 keyer
by "Jim Sheldon" <w0eb@cox.net>
- 5) [166073] re: OT: Need help finding a part...
by jacksonharbor@att.net
- 6) [166074] KK5PY????
by Mark Hogan <n5obc@yahoo.com>
- 7) [166075] Re: OT: Need help finding a part...
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [166076] RE: ArkieCon moved to OzarkCon
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 9) [166077] Re: A Virus Is Afoot!
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
- 10) [166078] Keyer for ScQRPion paddles
by Dale Botkin <dale@botkin.org>
- 11) [166079] FOX final log for W0IS 1-20-04 I think!
by Richard Clem <clem.law@usa.net>
- 12) [166080] MFJ-411 Manual
by "hgruen" <hgruen@pacifier.com>
- 13) [166081] Re: FOX final log for W0IS 1-20-04 I think!
by "Lew Paceley" <lew@paceley.com>
- 14) [166082] Re: MFJ-411 Manual
by "hgruen" <hgruen@pacifier.com>
- 15) [166083] THE K2 AND AIRPLANE BUFFS
by Joel M Denison <hamjoel@juno.com>
- 16) [166084] RE: FS/FT MFJ-451 Keyer
by "Jim Sheldon" <w0eb@cox.net>
- 17) [166085] Looking for OHR Explorer II info
by k2zn@rochester.rr.com
- 18) [166086] Re: Performance of end-fed half-wave antennas
by "Lew Paceley" <lew@paceley.com>
- 19) [166087] AmQRP "PIC-EL Kits" ship today!

- by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 20) [166088] FA: Vintage "Sardine Sender" QRP Transmitter!
by "Richard L. Ferranti" <remler@juno.com>
- 21) [166089] Endfed antenna discussion
by ARDUJENSKI@aol.com
- 22) [166090] Re: THE K2 AND AIRPLANE BUFFS
by "Tom" <N4RS@iamotelephone.com>
- 23) [166091] Re: THE K2 AND AIRPLANE BUFFS
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 24) [166092] yaseu vx-1r - wrong country?
by "Sergio T. Ruiz" <sergio@philway.com>
- 25) [166093] SWAP
by "john gabbard" <johngabbard@usintouch.com>
- 26) [166094] RE: THE K2 AND AIRPLANE BUFFS
by Mark Danner <MarkD@mfwl.org>
- 27) [166095] Isotron Antennas
by "crbink" <crbink@sbcglobal.net>
- 28) [166096] Baking a BLT
by Nelson Winter <thenels@go.com>
- 29) [166097] Elmer 160: Lesson 7--Assignment 2
by "John Bohnert" <johnb@elmhurst.edu>
- 30) [166098] RE: THE K2 AND AIRPLANE BUFFS
by "Boulineau, Lee" <lee.boulineau@attws.com>
- 31) [166099] Re: Isotron Antennas
by "sjolin" <sjolin@swbell.net>
- 32) [166100] Re: Isotron Antennas
by W2EB <w2eb@twcnny.rr.com>
- 33) [166101] American QRP Club announces Forum Schedule for 2004
by "Doug Hendricks" <ki6ds@dpol.net>
- 34) [166102] Re: THE K2 AND AIRPLANE BUFFS
by "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
- 35) [166103] Warren Gregoire boom mikes
by Bob Nielsen <nielsen@oz.net>
- 36) [166104] Re: Baking a BLT
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 37) [166105] Re: Isotron Antennas
by John Kalotai <n1olo@yahoo.com>
- 38) [166106] Re: Warren Gregoire boom mikes
by John Kalotai <n1olo@yahoo.com>
- 39) [166107] Fw: Warren Gregoire boom mikes
by "Don Foster" <k5kw@azalea.net>
- 40) [166108] Re: Elmer 160: Lesson 7--Assignment 2
by "Lew Paceley" <lew@paceley.com>
- 41) [166109] Items for sale
by "Gregg Olson" <golson@ix.netcom.com>
- 42) [166110] Black case for BLT
by Rick McKee <kc8aon@juno.com>
- 43) [166111] Occasionally checking the frequently

- by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 44) [166112] Re: Baking a BLT
by Chuck Carpenter <w5usj@9plus.net>
- 45) [166113] End and Center Fed Dipoles
by Karl Larsen <k5di@zianet.com>
- 46) [166114] Re: THE K2 AND AIRPLANE BUFFS
by John Sielke <jsielke@pobox.com>
- 47) [166115] Fwd: Spooky Atomic Clocks
by Ed Tanton <n4xy@earthlink.net>
- 48) [166116] For CW Buffs
by "n3drk" <n3drk@triad.rr.com>
- 49) [166117] RE: Warren Gregoire Head Phones
by "ERNEST GREGOIRE" <e.gregoire2@verizon.net>
- 50) [166118] Re: End and Center Fed Dipoles
by <w9ya@arrl.net>

Date: Thu, 22 Jan 2004 18:37:52 -0500
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [166069] Radiondistics spam
Message-ID: <40105ED0.6020509@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Has anyone on the list received any "press releases" for a snake-oil-esque miracle antenna from the organization in the subject line? The guy is looking for investors (victims?) - beware!

Al, K2ZN

Date: Thu, 22 Jan 2004 17:49:41 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
"Four States QRP Group" <4sqrp@mailman.qth.net>,
Subject: [166070] FS/FT: MFJ-451 Keyer
Message-ID: <IBEGLCMLCDHHEFLBPHBOKEJNDAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale or trade, MFJ-451 keyboard keyer less keyboard. Will take any

older style "AT" computer keyboard, or PS2 keyboard with a 6pin female "mini-din" to 5 pin male "Din" adapter. It has contest serial number, increment and decrement 2 250 character message memories and a bunch of other features, all controllable from the keyboard function keys. It also has an input for paddles using the stereo 3/16 inch mini plug. Tip is dot, ring is dash in keeping with the majority convention. This thing sold for 90 bucks new. What'cha got to trade? Will take 35 bucks for it, Pay Pal only, or ANY reasonable trade. I'll pay the shipping on the keyer. Replies off list please. First email indicating desire to purchase or with an acceptable trade gets it.

Jim, W0EB
w0eb@cox.net

Date: Thu, 22 Jan 2004 23:29:44 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"Piggies-L" <fpqrp-1@mpna.com>
Subject: [166071] Truffle report
Message-ID: <007b01c3e13f\$9f576540\$7be00342@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang.

This is the final log. Tnx agn to everybody.

W5YR 559 TX GEORGE 404
K3ESE 559 MD LLOYD 476
N9NE 569 WI TODD 5W
K4BYF 559 FL JACK 191
WA8BXN 559 OH MIKE 624
N3BJ 559 VA ALAN 5W
KQ9L 559 IL RICH 548
K8KFJ 559 WV GARY 702
KW4JS 559 TN JOHN 592
KB9YIG 559 IN ROB 2W

72 es 00s
Juan - KG4FSN

Date: Thu, 22 Jan 2004 18:32:00 -0600
From: "Jim Sheldon" <w0eb@cox.net>
To: "Four States QRP Group" <4sqrp@mailman.qth.net>,
"Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
Subject: [166072] FS/FT MFJ-451 keyer
Message-ID: <IBEGLCMLCDHHEFLBPHBOKEJODAAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David LaDuc I got your email and hit the wrong key - accidentally deleted it. hi hi. My fault.
Please re-send.
You get it, just send it to Aubrey Sheldon, w0eb@cox.net via pay-pal.

Date: Fri, 23 Jan 2004 00:38:10 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Cc: myetsko@insydesw.com
Subject: [166073] re: OT: Need help finding a part...
Message-ID: <012320040038.18063.3b96@att.net>

>I need help finding a part. It's an audio amp chip that's been
>discontinued now for about 5 or 6 years. The part is:
>
> uPC1298V

Mike -

I tried the number on my favorite chip site, Findchips:

<<http://www.findchips.com/>>

It came back with:

Mouser Electronics (Top of page)
Select Mouser Part # Mfr.'s
Part # Description View Catalog Data Sheet Price / MinOrd
Stock
526-NTE7103 NTE7103
NTE NTE replacement Linear ICs
SIP14 50-80W AMP DRV \$9.390/1
In Stock

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<<http://jacksonharbor.home.att.net/>>

Date: Thu, 22 Jan 2004 16:54:01 -0800 (PST)
From: Mark Hogan <n5obc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166074] KK5PY????
Message-ID: <20040123005401.17178.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have Dennis Fosters current e-mail?
Mark Hogan / N50BC

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Thu, 22 Jan 2004 19:55:53 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166075] Re: OT: Need help finding a part...
Message-ID: <001b01c3e14b\$a38420\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just want to thank everyone on locating the part for me.

A couple of people actually found the direct part, a couple others found products that used the part so I could order a replacement from that company, and a few even found 'cross reference' parts for me.

Thanks again!

Mike

Date: Thu, 22 Jan 2004 19:32:54 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [166076] RE: ArkieCon moved to OzarkCon
Message-ID: <003001c3e150\$d2bfe310\$04000000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looking forward to it. If it turns out to be good, we Arkies are going to annex the lower left corner of Missouri so we can keep the Arkiecon name.

72--Nick, WA5BDU

Date: Thu, 22 Jan 2004 20:52:15 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166077] Re: A Virus Is Afoot!
Message-ID: <005d01c3e153\$87f19ec0\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Worse yet, either this list or the amsat-bb list has an address harvester aboard. I'm now receiving scam messages from those pesky africans. No offense to you good guys. Wish my mcafee scanshield would allow me to enter domain addresses to block rather. Better yet, wish outlook express had this feature instead of just blocking email addresses.

To the scammer(s), go die.

Flame suit on...

Patrick...KB8RTZ...

Date: Thu, 22 Jan 2004 20:39:12 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [166078] Keyer for ScQRPion paddles
Message-ID: <Pine.LNX.4.33.0401222001210.16946-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, I have enough orders to have a run of boards made. Sunday evening I will be ordering enough to fill the orders I have, plus a FEW extra. I expect delivery in about 3 weeks. If you want one, order it now or drop me an email to let me know you're sending payment. The next order won't be for at least a couple more weeks.

If you missed the original announcement, I am offering a directly attached memory keyer for the W5JH/ScQRPions paddles. This is a special board using the new Super PicoKeyer that bolts on without any modification to the paddles and provides a full featured keyer with two message memories, beacon mode, speed adjustment via pot and/or paddle/menu control, etc. You can see the full details at <http://www.hamgadgets.com>. I have all parts except the PCBs, which I will order in batches when there is enough demand. The kit includes ALL needed parts and should take well under an hour to assemble, mount and get on the air. Output is via a 3.5mm jack.

Price for the kit is \$18.00 including shipping anywhere in the US. Canadian shipping is a tad higher, total is \$18.25. PayPal, checks, money orders are all good, as is cash - contact me privately if you have other goodies with which to barter, swap or bribe! 8-)

72,
Dale - n0xas

--
It's a thankless job, but I've got a lot of Karma to burn off.
NEW PicoKeyer version with pot AND paddle control is here!
Check <http://www.hamgadgets.com> for news.

Date: Thu, 22 Jan 2004 21:06:02 -0600
From: Richard Clem <clem.law@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [166079] FOX final log for W0IS 1-20-04 I think!
Message-ID: <880iawDgc8160S13.1074827162@uwdvg013.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

I think the following is the final corrected log for this week's hunt. I= say

"I think" because I have a nagging feeling that I forgot to make one correction, and accidentally deleted the e-mail.

If you e-mailed me a correction, and I did not either correct the log, or= e-mail saying sorry, you weren't in the log, then please e-mail me again = and I will add the correction.

If you don't hear from me, here is the final log. Thanks to all the hounds--those who made it in the log, as well as those that I wasn't able= to copy.

My count is 78 (including myself and the other fox). It's definitely not= a record, but I think it's more QSO's than I've ever worked in 2 hours!

73,
Rick W0IS

0200 W5TB 599 TX DOC 5W
0203 N3BJ 559 VA ALAN 5W =

0204 N0JRN 559 MO JERRY 5W
0205 W0UFO 559 MN MERT 5W
0206 N1FN 559 CO ET 5W
0207 KT5V 559 TX DAVID 5W =

0208 K5EOA 599 LA WAYNE 5W
0209 N4ROA 559 VA DAN 5W
0210 K3PH 599 PA BOB 5W
0211 K0EVZ 589 NM DOC 4W
0211 VA6RF 559 AB EARL 5W
0213 WA8CDU 559 MI BILL 5W
0214 K9TJL 599 IL TJ 5W
0215 VE3DJX 569 ON JIM 5W
0216 N0DT 559 MO DAN 5W
0217 KI0II 559 CO RON 5W
0218 AA50 559 LA VERN 5W
0219 KB9YIG 579 IN TONY 2W
0220 K8CV 559 MI WALT 5W
0220 KK5LD 559 TX DAN 5W =

0223 N5ZE 599 TX LEN 5W
0223 VE5RC 339 SK BRUCE 5W =

0225 K0LOA 559 TX DWAIN 5W
0226 KL7V 599 OK SAM 5W
0227 K8KFJ 599 WV GARY 5W
0228 KG0PP 599 CO JIM 5W
0229 AC5JH 559 OK TOM 5W
0230 KW4JS 559 TN JOHN 5W
0231 KQ5U 559 TX TERRY 5W
0233 N9AU 559 WI RON 5W
0234 K2ZN 559 NY AL 5W
0235 N4DD 559 TN DENNIS 5W =

0236 N0TK 579 CO DAN 5W
0237 VE6JAZ 559 AB ROB 5W
0237 W5YR 559 TX GEORGE 5W
0238 WA8BXN 559 OH MIKE 5W
0239 KB2FEL 559 WV BOB 5W
0240 K7HBN 559 WA GEORGE 5W
0242 K6VNX 559 CA ARLEN 5W
0243 WA1FXT 559 OH BOB 5W
0244 KQ6RL 559 CA DAVE 5W
0246 N1TP 579 FL TOM 5W
0247 K5JHP 559 TX BILL 5W
0248 K3ESE 559 MD LLOYD 5W
0249 W7ILW 559 AZ WALT 5W
0250 W2XN 559 FL FRED 5W
0253 N5YFC 559 LA WAYNE 5W =

0254 AA7EQ 559 AZ BOB 5W
0255 Dupe
0256 K7TQ 559 ID RANDY 5W
0257 KN5L 339 TX JOHN 5W
0259 NK6A 559 CA DON 5W
0301 KD5UDB 559 LA CHRIS 5W =

0302 K6XR 559 CA REGGIE 5W
0303 K4GT 559 GA JIM 5W
0305 K8MIA 559 WV JIM 5W
0306 AC7A 559 AZ TOM 5W
0307 WB8YYY 559 MD CURT 5W =

0308 KC1FB 559 CT JIM 5W
0309 WB4X 559 NC BRENT 5W
0310 AJ4AY 559 AL JAY 5W
0310 N0AR 599 MN SCOTT 5W
0312 W9JOP 559 VA BOB 150 MW =

0313 N5TW 599 TX TOM 5W
0314 K2PQ 559 NJ FRANK 5W
0315 KB3E0F 559 MD SANDY 5W
0316 AB9CA 559 AL DAVE 5W
0318 K4YF 559 NC JACK 5W
0320 W9XT 559 WI GARY 5W
0322 KG4FSN 559 FL JUAN 5W
0324 W2LJ 559 NJ LARRY 5W =

0329 W8RU 559 MI RON 5W
0330 AG4PJ 559 AL DAVE 5W
0335 W0ANM 339 MN CHRIS 5W
0337 NV4V 559 KY PETE 5W
0345 W8YMO 559 OH HARRY 5W
0348 N7CQR 559 OR DAN 5W
0400 W0IS FOX =

0400 KR0U FOX

The one that got away:

0351 WB8WU was actually WB8WTU, but no exchange unfortunately

Date: Thu, 22 Jan 2004 19:26:54 -0800
From: "hgruen" <hgruen@pacifier.com>
To: <qrp-1@lehigh.edu>
Subject: [166080] MFJ-411 Manual
Message-ID: <004c01c3e160\$c0fbbfe0\$41808843@ownerj677boxh8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a manual for an MFJ 411 code machine? MFJ doesn't have a replacement and I've lost mine. I would be glad to reimburse someone for the costs to copy and ship it. Thanks.

Huston K7ITA

Date: Thu, 22 Jan 2004 21:44:18 -0600
From: "Lew Paceley" <lew@paceley.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <clem.law@usa.net>
Subject: [166081] Re: FOX final log for W0IS 1-20-04 I think!
Message-ID: <000301c3e163\$2f764d80\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Rick,
One minor correction for N5ZE (0223Z), my name is Lew not Len.
Everything else is correct. When you QSLed on the air you sent Lew,
so I wasn't paying attention when the log was first published. Sri
for not noticing sooner!

And tnx for being a great fox...excellent evening!

72/73,
Lew
N5ZE

Date: Thu, 22 Jan 2004 21:30:22 -0800
From: "hgruen" <hgruen@pacifier.com>
To: "Kevin Gray" <k8su@adelphia.net>
Cc: <qrp-1@lehigh.edu>
Subject: [166082] Re: MFJ-411 Manual
Message-ID: <000f01c3e172\$0077abf0\$41808843@ownerj677boxh8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,
This is one of the few that they don't have. Thanks anyway.

Huston

----- Original Message -----
From: "Kevin Gray" <k8su@adelphia.net>
To: <hgruen@pacifier.com>
Sent: Thursday, January 22, 2004 7:37 PM
Subject: RE: MFJ-411 Manual

> you can usually find copies on their website.
>
>
> Kevin
>
> k8su
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> hgruen
> Sent: Thursday, January 22, 2004 10:27 PM
> To: Low Power Amateur Radio Discussion
> Subject: MFJ-411 Manual
>
>
> Does anyone have a manual for an MFJ 411 code machine? MFJ doesn't have a
> replacement and I've lost mine. I would be glad to reimburse someone for
> the costs to copy and ship it. Thanks.
>
> Huston K7ITA
>
>
>

Date: Fri, 23 Jan 2004 00:58:34 -0500
From: Joel M Denison <hamjoel@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [166083] THE K2 AND AIRPLANE BUFFS
Message-ID: <20040123.005835.4064.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HIGH Y'ALLL

INSTALLED my k2 in my airplane and started flying with it....
nice...
also found out the slower I come in for landings the closer I stay to the
start of the runway, instead of the other side...
also found out when u come in at 15 knots over stall speed u
better get ur flare correct or u will watch ur main gear flex a lot....
unless of course u hit on the nose gear, which instantly becomes
retractable.... :-)
course now, dividing ur time between the outside, instruments and
the k2 can have u flying in funny positions at most any altitude....

when ur dragging a 300ft wire outta the plane for the k2.... it an't no time to geaux skimming power lines....

ah but the dx... it's everywhere... nothing like a high antenna...the trick is to keep ur landing gear from bending...

KE1LA

Joel Denison

Strong, Maine, 04983

Freezin solid up heah

The best thing to hit the internet in years - Juno SpeedBand!

Surf the web up to FIVE TIMES FASTER!

Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 23 Jan 2004 05:33:29 -0600

From: "Jim Sheldon" <w0eb@cox.net>

To: "Four States QRP Group" <4sqrp@mailman.qth.net>,
"Flying Pigs Mailing List" <fpqrp-1@mpna.com>,

Subject: [166084] RE: FS/FT MFJ-451 Keyer

Message-ID: <IBEGLCMLCDHHEFLBPHBOGEKBDAAA.w0eb@cox.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

MFJ-451 Keyer has been sold. Thanks all that replied.

Jim - W0EB

Date: Fri, 23 Jan 2004 08:17:40 -0500

From: k2zn@rochester.rr.com

To: qrp-1@lehigh.edu

Subject: [166085] Looking for OHR Explorer II info

Message-ID: <7f4a3a3e.3a3e7f4a@nyroc.rr.com>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-language: en

Content-transfer-encoding: 7BIT

Content-disposition: inline

Does anyone have a scan of the schematic for this rig? Full manual not required.

72 & Tnx - Al, K2ZN

Date: Fri, 23 Jan 2004 09:03:33 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <jsb@digistar.com>
Subject: [166086] Re: Performance of end-fed half-wave antennas
Message-ID: <004301c3e1c2\$11f3c800\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Jason,

You may find it difficult to use a package like EZNEC to directly model the physical end fed antenna. EZNEC (and probably the others) think the end of the antenna has an infinite impedance and will tell you to move your feedpoint in from the end or do it for you. As I remember EZNEC does it for you automatically by moving the feedpoint in 10%-15% from the end of the antenna.

If your primary interest is finding out the antenna pattern, the best proxy is to model a center fed doublet of the same length (halfwave, fullwave, whatever). The radiation patterns should be nearly identical with a true end fed.

I second W5YR's recommendation: go download the EZNEC demo and try modeling your configuration as a center fed doublet. The modeling software can't comprehend your environment (fences, powerlines, etc.) but it'll give you a first order idea of what's happening. You can download it at:
<http://www.eznec.com> .

To your question, a 33' half wave on 20m has the directivity of a dipole when erected as a flat top at a particular height. If you lengthen it to a full wave, you will get the directivity of a fullwave where the pattern begins to split into lobes. Two full waves (132' feet) have an even more broken up pattern. You can see some of this at LB Cebik's site:
<http://www.cebik.com> .
For the 132' case see here <http://www.cebik.com/gup/gup12.html>

Bottom line, lengthening the antenna to a full wave (or two full waves) can give you directivity/gain in certain directions. You'll need to look at the pattern for your antenna configuration (E-W, N-S, etc.) to see if the gain is good for you.

Good luck!

72/73,
Lew
N5ZE

Date: Fri, 23 Jan 2004 10:59:04 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: <qrp-1@Lehigh.EDU>
Cc: <njqrp@njqrp.org>
Subject: [166087] AmQRP "PIC-EL Kits" ship today!
Message-ID: <200401231059.AA1477181674@clearviewcatv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The production boards were received right on schedule - they look and work just great! You can see a nice photo at: www.amqrp.org/elmer160/board/full-dds-600.jpg (This shot also shows the optional DDS Daughtercard, available separately.) The kits will ship today, January 23. The AmQRP kitting team of Tom (W8K0X) and Nancy (NJ8B) Feeny has been expeditiously getting the parts and Quick Assembly Guide into the padded envelopes and will then drop them off at the Post Office. Folks should have their Pickles in hand by early next week!

Our first run of PIC-EL Kits consists of 300 units. We didn't anticipate as many orders right out of the gate (so far there are 315), so we've expedited parts for another run to be kitted and shipped next week. So if you ordered within the last week or two, chances are your kit will ship next week in the second round of mailings.

Is your order in the first or second round of shipments? Check for your name at www.amqrp.org/elmer160/board/orders.html

We'll have lots more kits next week and will be able to ship immediately from stock ... so send in those orders in order to get your PIC-EL Kit and participate in the online Elmer 160 Course!

72, George N2APB
for the PIC-EL Team

Date: Fri, 23 Jan 2004 08:18:17 -0800
From: "Richard L. Ferranti" <remler@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [166088] FA: Vintage "Sardine Sender" QRP Transmitter!
Message-ID: <20040123.081817.916.0.remler@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here's your final opportunity to bid on this vintage "Sardine Sender"
80-meter QRP transmitter, straight out of the pages of QST from 1978!

Bidding ends in a few hours and it's only \$20 so far.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3072339647>

73 from Rick W6NIR

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 23 Jan 2004 11:23:49 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [166089] Endfed antenna discussion
Message-ID: <fb.4e8a0e7c.2d42a495@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Lots of good information and tips. Sometimes I find EZNEC is good for me for
getting patterns and then G4FGG program ENDFEED is good for checking
efficiencies

<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>

The configuration of the wire plays a big role in the antenna characteristics
(sloped, vertical, Inverted-L, end fed inverted vee, etc). Also as pointed
out in Maxon's book HF ANTENNAS FOR ALL LOCATIONS try to avoid $wl/4$, odd
multiples of $wl/4$ and lengths less than $wl/4$ as a rule.

For repeatability I generally find the Inverted-L arrangement with equal legs a good choice. Additionally the equal legs help control the impedance values for multiband antennas. The 33 by 33ft proved on paper and in practice to be a good compromise antenna in way of loading, patterns and simplicity and repeatability of performance

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Fri, 23 Jan 2004 10:38:29 -0600
From: "Tom" <N4RS@iamotelephone.com>
To: <hamjoel@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166090] Re: THE K2 AND AIRPLANE BUFFS
Message-ID: <008b01c3e1cf\$55858740\$28f3fea9@n4rs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Joel.....I'm on the floor laughing.....can't get up!!!

----- Original Message -----

From: Joel M Denison <hamjoel@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, January 22, 2004 11:58 PM
Subject: THE K2 AND AIRPLANE BUFFS

> HIGH Y'ALLL
> INSTALLED my k2 in my airplane and started flying with it....
> nice...
> also found out the slower I come in for landings the closer I stay to the
> start of the runway, instead of the other side...
> also found out when u come in at 15 knots over stall speed u
> better get ur flare correct or u will watch ur main gear flex a lot....
> unless of course u hit on the nose gear, which instantly becomes
> retractable.... :-)
> course now, dividing ur time between the outside, instruments and
> the k2 can have u flying in funny positions at most any altitude....
> when ur dragging a 300ft wire outta the plane for the k2.... it an't no
> time to geaux skimming power lines....
> ah but the dx... it's everywhere... nothing like a high
> antenna...the trick is to keep ur landing gear from bending...
> KE1LA

> Joel Denison
> Strong, Maine, 04983
> Freezin solid up heah
>
>

> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 23 Jan 2004 09:03:08 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166091] Re: THE K2 AND AIRPLANE BUFFS
Message-ID: <20040123170308.50164.qmail@web60302.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Joel M Denison <hamjoel@juno.com> wrote:

> HIGH Y'ALLL
> INSTALLED my k2 in my airplane and started flying with it....
> nice...

Too bad Aeronautical Mobile operation is prohibited in ARRL contests
above 50 MHz (Rule 1.6). That'd be a ball on 144 and 432. HI

72, Gary -K8KFJ-

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Fri, 23 Jan 2004 12:26:20 -0500
From: "Sergio T. Ruiz" <sergio@philway.com>
To: "qrp-1-Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [166092] yaseu vx-1r - wrong country?
Message-ID: <5.1.0.14.0.20040123121626.02278ea8@mail.neobright.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

i bought one of these on ebay, and it seems pretty good, but i have a feeling i got a european model or something to that effect..

it will not transmit on 2m above 146, and the auto repeater offset acts goofy..

i found a website that talks about modding this radio.. i don't really want to do anything but allow it to work like a us radio..

there is a page on that site that talks about country codes, and i am guessing that this is just a matter of setting those jumpers correctly.. i just don't know which setting to set it to, or if there is anything else i need to do..

i don't want to do any illegal mods, just make it like a us radio..

has anyone done this? which set of codes would i use?

btw..

here is the link i was talking about..

<http://home.comcast.net/~sllewd/cntycode.htm>

Sergio T. Ruiz
technology and MIS
Philway Products, Inc.
(419) 281-7777 x232

Date: Fri, 23 Jan 2004 09:52:14 -0800
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166093] SWAP
Message-ID: <002201c3e1d9\$a3134dd0\$36861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a (1945) vintage vibroplex original w/bug tamer(to slow it down) in excellent condition.I am looking for a trade for an unbuilt xcvr kit of average value of \$100-150. or related item(s).

Thanks, John KF70M 73's

Date: Fri, 23 Jan 2004 10:01:40 -0800
From: Mark Danner <MarkD@mfwfwi.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166094] RE: THE K2 AND AIRPLANE BUFFS
Message-ID: <49B4D83BB849004A99F31EDE1237446B2555EA@mail.mfwfwi.org>
MIME-Version: 1.0
Content-Type: text/plain

Gee, maybe you could apply for a job with Homeland Security! If the "bad guys" saw you flying around, they'd be laughing so much they'd forget what wanted to do!!!

Mark, AB7MP

-----Original Message-----
From: Joel M Denison [mailto:hamjoel@juno.com]
Sent: Thursday, January 22, 2004 9:59 PM
To: Low Power Amateur Radio Discussion
Subject: THE K2 AND AIRPLANE BUFFS

HIGH Y'ALLL

INSTALLED my k2 in my airplane and started flying with it....
nice...

also found out the slower I come in for landings the closer I stay to the start of the runway, instead of the other side...

also found out when u come in at 15 knots over stall speed u better get ur flare correct or u will watch ur main gear flex a lot.... unless of course u hit on the nose gear, which instantly becomes retractable.... :-)

course now, dividing ur time between the outside, instruments and the k2 can have u flying in funny positions at most any altitude.... when ur dragging a 300ft wire outta the plane for the k2.... it an't no time to geaux skimming power lines....

ah but the dx... it's everywhere... nothing like a high antenna...the trick is to keep ur landing gear from bending...

KE1LA

Joel Denison

Strong, Maine, 04983

Freezin solid up heah

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Date: Fri, 23 Jan 2004 13:15:19 -0500
From: "crbink" <crbink@sbcglobal.net>
To: <qrp-1@Lehigh.EDU>
Cc: <qrp@mailman.qth.net>
Subject: [166095] Isotron Antennas
Message-ID: <003701c3e1dc\$dc9f0690\$210110ac@BINK>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I live in a apartment complex with a restricted antenna polices. The garage is attached and I have a 2 1/2" hole that goes into the attic. That is where my 40, 30, 15 meter (Iromhorse) dipole antennas are hung, 18ft. off the ground.

I do have two receiving loops in the bedroom which makes them about 20ft. high. I was thinking about using the Isotron 40,30,20,17,15 meter ones, use a 1" PVC from floor to ceiling and hang the antennas from the pole.

BUT! How good are the antennas ??

73's de Bink - KB8JRB
QRP ARCI - 8141, QRP - L 2292
FISTS - 10257, FP# - 680, EN - 80 - 1d
crbink@sbcglobal.net

Date: Fri, 23 Jan 2004 11:02:48 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166096] Baking a BLT
Message-ID: <7388989.1074884568933.JavaMail.thenels@gomailjtp01>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

I am in the process of building my BLT and I want to paint the case. I have sanded it and all that, and I'm now ready to paint. I have heard that if I want a really durable finish that I should "bake" the paint on. If this is true, what temperature should I bake it and for how long? (till it is brown? [grin]).

Thanks in advance,

Nelson Winter

WB6DWD

Less = More

<http://www.qsl.net/wb6dwd/>

RM-40/30/20

QRP-L #2482

Check-out GO.com

GO get your free GO E-Mail account with expanded storage of 6 MB!

<http://mail.go.com>

Date: Fri, 23 Jan 2004 13:13:27 -0600

From: "John Bohnert" <johnb@elmhurst.edu>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [166097] Elmer 160: Lesson 7--Assignment 2

Message-ID: <00f501c3e1e4\$fae3c4d0\$707744ce@otc1197270>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Homework Assignment #2.....

I am working on two problems for the homework assignment...a desired receive frequency of 21.0 MHZ and desired receive frequency of 3.5 MHZ.

I set up my program as a four byte/32 bit subtraction problem. With either of the two problems my program will always provide the correct answer for the two lower level bytes. However, with the 3.5 MHZ subtraction problem there is an error in the third (or highest level) byte required for an answer...desired answer H '159820'...my answer is H '169820.' The 21.0 MHZ subtraction problem is correct at the third level...H 'F56F40.' (I have not played with a problem that would require the use of all four bytes for an answer).

At issue is the status of the C bit throughout the subtraction (borrowing) process for each of the bytes. I can create a program that will generate a correct answer for the desired listening frequency of 3.5 MHZ...but then there is an error in the 21.0 MHZ problem at the highest bit level...F4 rather than F5. Some suggestions would be appreciated. Thanks.

72
N9KW
John

Date: Fri, 23 Jan 2004 13:30:26 -0600
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166098] RE: THE K2 AND AIRPLANE BUFFS
Message-ID: <3CD5FC1B2837DC46BC77FDDF187C26E3149D93@tx-msg07-ccc.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Joel,

Howabout Hosing up a landing in a tail-dragger???

Lee N4MVL

-----Original Message-----
From: Joel M Denison [mailto:hamjoel@juno.com]=20
Sent: Thursday, January 22, 2004 9:59 PM
To: Low Power Amateur Radio Discussion
Subject: THE K2 AND AIRPLANE BUFFS

HIGH Y'ALLL

 INSTALLED my k2 in my airplane and started flying with it....
nice...=20
also found out the slower I come in for landings the closer I stay to
the

start of the runway, instead of the other side...

also found out when u come in at 15 knots over stall speed u better get ur flare correct or u will watch ur main gear flex a lot.... unless of course u hit on the nose gear, which instantly becomes retractable.... :-)

course now, dividing ur time between the outside, instruments and the k2 can have u flying in funny positions at most any altitude.... when ur dragging a 300ft wire outta the plane for the k2.... it an't no time to geaux skimming power lines....

ah but the dx... it's everywhere... nothing like a high antenna...the trick is to keep ur landing gear from bending...

KE1LA

Joel Denison

Strong, Maine, 04983

Freezin solid up heah

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Date: Fri, 23 Jan 2004 13:35:31 -0600

From: "sjolin" <sjolin@swbell.net>

To: <crbink@sbcglobal.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [166099] Re: Isotron Antennas

Message-ID: <04b801c3e1e8\$10c0f810\$78d1fea9@DaveSjolin>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "crbink" <crbink@sbcglobal.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 23, 2004 12:15 PM

Subject: Isotron Antennas

> I was thinking about using the Isotron 40,30,20,17,15 meter ones, use
> a 1" PVC from floor to ceiling and hang the antennas from the pole.
>
> BUT! How good are the antennas ??

Well, they arent mono band beams stacked at 100 feet but they do radiate. I

wish I had had one when I lived in a Chicago highrise apartment in the early 70's. Im sure I could have made contacts. I could work hundreds of miles on VHF but never could get an 80 meter dipole to fit. :-)

I played with a 40 meter Isotron in my basement a while back and I made contacts. I moved it out to my deck up 10-12 feet above the yard and I worked French Polynesia on 40. Also worked Cuba. But then I've also worked Europe on 80 meters with a random wire laying on my roof.

If you cant do anything else it might be worth trying but the bigger and higher, generally the better antennas work.

73 de Dave, N0IT

Date: Fri, 23 Jan 2004 14:50:21 -0500
From: W2EB <w2eb@twcnny.rr.com>
To: crbink@sbcglobal.net, qrp-1@lehigh.edu
Subject: [166100] Re: Isotron Antennas
Message-ID: <40117AFD.5040105@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

IMHO

At various times, I've used the 10, 15, and 80 meter versions
.....or should it be "tried" to use.

After incessant tweaking, you'll probably get all of them to load
up properly. You'll hear an active band too, but no one will hear you.

Perhaps if you had excess power to waste, the antenna would be
considered acceptable, but for 5 watts or less, these antennas are useless.

A tuned piece of wire will leave you much more satisfied.

Bill
W2EB

> BUT! How good are the antennas ??
>
> 73's de Bink - KB8JRB
> QRP ARCI - 8141, QRP - L 2292
> FISTS - 10257, FP# - 680, EN - 80 - 1d
> crbink@sbcglobal.net
>
>

>

--

"Thomas Hodgkin died of natural causes"

Date: Fri, 23 Jan 2004 11:53:29 -0800
From: "Doug Hendricks" <ki6ds@dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166101] American QRP Club announces Forum Schedule for 2004
Message-ID: <03fa01c3e1ea\$92ee6640\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The American QRP Club is pleased to announce that it will be co-sponsoring the following QRP Forums this year with the following local clubs:

March 26-27 Atlanticon - NJQRP Club
April 9-10 Ozarkcon - 4 States QRP Club
June 18-19 Hamcom - NORTEX QRP Club
July 3-4 Ft. Tuthill (At Williams, Az) - Az. ScQRPions
July 10-11 Lobstercon - QRPme
October 15-17 Pacificon - NorCal QRP Club

One of the goals of the AmQRP club was to help provide support for QRP Forums in all areas of the country, so that qrpers would have the opportunity to take advantage of attending one. We did not know how quickly we could start this program, but it is going much faster than we envisioned. We have a model for supporting and putting on QRP Forums, and one of the key parts is funding with kits. You are supporting qrp when you buy kits from clubs, and the clubs could not put on these forums without your help. I hope to make as many of them as possible and look forward to meeting all of you in person. Thanks again for your support.

Date: Fri, 23 Jan 2004 15:02:53 -0500
From: "Patrick Schwarz - KB8RTZ" <kb8rtz@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166102] Re: THE K2 AND AIRPLANE BUFFS
Message-ID: <00c401c3e1eb\$e350e6c0\$48708318@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> course now, dividing ur time between the outside, instruments and
> the k2 can have u flying in funny positions at most any altitude....
> when ur dragging a 300ft wire outta the plane for the k2.... it an't no
> time to geaux skimming power lines....
> KE1LA
> Joel Denison

Never cease to get a chuckle when you speak, Joe! :-)

Patrick...KB8RTZ...

Date: Fri, 23 Jan 2004 12:11:29 -0800
From: Bob Nielsen <nielsen@oz.net>
To: elecrafft@mailman.qth.net, qrp-1@lehigh.edu
Subject: [166103] Warren Gregoire boom mikes
Message-ID: <20040123201129.GA5872@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Has anybody on the list used the Warren Gregoire headset/boom mike with a K2? I couldn't find anything about it on eham.net. The price (as a kit) is pretty attractive and I wonder how the audio quality is (RX and TX). I would expect that it doesn't perform like a Heil Pro-Set, but at 1/5 the cost it looks worth investigating. I operate 90% CW and can't really justify buying an expensive mike. I have a MH-2 but keep having to lay it down to use the keyboard :^)

73,
Bob N7XY

--
Bob Nielsen, N7XY
Bainbridge Island, WA
n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Fri, 23 Jan 2004 15:32:11 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: Nelson Winter <thenels@go.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166104] Re: Baking a BLT

Message-ID: <Pine.GS0.4.58.0401231531140.14930@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 23 Jan 2004, Nelson Winter wrote:

> Hi gang,
> I am in the process of building my BLT and I want to paint the case. I have
sanded it and all that, and I'm now ready to paint. I have heard that if I want a
really durable finish that I should "bake" the paint on. If this is true, what
temperature should I bake it and for how long? (till it is brown? [grin]).

> warm to the touch
< temperature of the sun

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Fri, 23 Jan 2004 12:39:26 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: crbink@sbcglobal.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166105] Re: Isotron Antennas
Message-ID: <20040123203926.77256.qmail@web80408.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Isotron only really work well when mounted well away from
anything. I had the 40m & 20m models mounted in an attic and there
was a -3db drop on the receive side. It was very difficult to tune
the antenna.

When I moved them out into the open, up about 12 feet above the roof
line, the tuning is issue was resolved and they were about = on
receive when compared to dipoles. The dipoles were 1 to 3 s units
better on transmit.

The Isotrons are a COMPROMISE (note that compromise is in BIG
letters). Using purely unscientific comparisons (and my humble
opinion) a full size dipole or even a hamstick type dipole would
perform better than the Isotron antennas.

--- crbink <crbink@sbcglobal.net> wrote:
> I live in a apartment complex with a restricted antenna polices.
> The garage
> is attached and I have a 2 1/2" hole that goes into the attic. That
> is where
> my 40, 30, 15 meter (Iromhorse) dipole antennas are hung, 18ft.
> off the
> ground.
>
> I do have two receiving loops in the bedroom which makes them about
> 20ft.
> high. I was thinking about using the Isotron 40,30,20,17,15 meter
> ones, use
> a 1" PVC from floor to ceiling and hang the antennas from the pole.
>
> BUT! How good are the antennas ??
>
> 73's de Bink - KB8JRB
> QRP ARCI - 8141, QRP - L 2292
> FISTS - 10257, FP# - 680, EN - 80 - 1d
> crbink@sbcglobal.net
>
>

=====

John Kalotai
N10LO

Date: Fri, 23 Jan 2004 12:45:55 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: nielsen@oz.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166106] Re: Warren Gregoire boom mikes
Message-ID: <20040123204555.19051.qmail@web80406.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Bob,

I have no expirience with the K2 but the headset works very well with the ICOM 706 and my 735.

Its an easy one evening kit and if you have a well stock junk box don't bother with any of the accessories. Their PTT switch is a tiny

and very uncomfortable to use for any length of time.

73

John N10LO

--- Bob Nielsen <nielsen@oz.net> wrote:
> Has anybody on the list used the Warren Gregoire headset/boom mike
> with
> a K2? I couldn't find anything about it on eham.net. The price
> (as a
> kit) is pretty attractive and I wonder how the audio quality is (RX
> and
> TX). I would expect that it doesn't perform like a Heil Pro-Set,
> but
> at 1/5 the cost it looks worth investigating. I operate 90% CW and
> can't really justify buying an expensive mike. I have a MH-2 but
> keep
> having to lay it down to use the keyboard :^)
>
> 73,
> Bob N7XY
>
> --
> Bob Nielsen, N7XY n7xy (at) n7xy.net
> Bainbridge Island, WA http://www.n7xy.net
>

Date: Fri, 23 Jan 2004 14:49:25 -0600
From: "Don Foster" <k5kw@azalea.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166107] Fw: Warren Gregoire boom mikes
Message-ID: <00a301c3e1f2\$6a59a160\$49daab41@21byq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bob Nielsen" <nielsen@oz.net>

> Has anybody on the list used the Warren Gregoire headset/boom mike with a K2? >

Yes, Bob, I have and I get on-the-air reports of excellent audio. Don't know if it makes a difference, but I used the aviation version advertised in flying magazines. I did have to build a simple pre-amp for it to get enough output from the boom mic to drive the K2. The usual admonishment: your mileage may vary.

Don, K5KW
Fort Gibson, Oklahoma

Date: Fri, 23 Jan 2004 15:17:20 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <johnb@elmhurst.edu>
Subject: [166108] Re: Elmer 160: Lesson 7--Assignment 2
Message-ID: <009401c3e1f6\$49db0240\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi John,
Just a wild guess based on your description...it sounds like you aren't propagating the borrows completely. A borrow from the next higher byte might then generate a borrow from the its next higher byte and so forth. It's possible for a borrow at byte 0 to propagate all the way to byte 3. Example: H'10000000' - 1 = H'0FFFFFFF'. Try this case in the simulator and see if it works.

Anytime a borrow is needed you have to check the next significant byte to determine whether the borrow is satisfied (in which case you're done and don't need to check any more) or whether yet another borrow is generated causing the process to repeat with the next more significant byte.

I might be completely wrong but that's what I'd check. :)

Good luck!

Lew
N5ZE

Date: Fri, 23 Jan 2004 14:20:16 -0700
From: "Gregg Olson" <golson@ix.netcom.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [166109] Items for sale
Message-ID: <GFEHKONGLIMMAPNJDKNAAEEFHCHAA.golson@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the following items for sale that may be of interest to the members of the group. The selling price does NOT include shipping cost from 80301 (Boulder CO)

1. Emtech ZM-2 tuner. SO-239 connectors. Assembled by Emtech. I needed this in a hurry for a business trip and ordered it pre-assembled from Emtech. Great condition. \$55.00 plus shipping.
2. LDG Z11 autotuner with NEW V1.6 memory tuning upgrade. This is the preassembled model.. not the kit. Mostly used as a "stand" for my FT817 :-). Tune button pressed less than 50 times during its lifetime. I just tend to prefer manual tuners. Great condition. \$115.00 plus shipping.
3. Autek RF-1 antenna analyzer. Used to check the tuning on my MP1 and Buddiepole. Great condition. \$110.00 plus shipping.
4. Superantennas MP-1, antenna tripod and FT817 bracket. Great condition. Total retail \$200.00 Sell \$130.00 plus shipping. Will not separate the components.
5. Miracle Wip. Newer model with longer black wip. \$99.00 Plus shipping.
6. Small Wonders SW20+ with SWL Rit and SWL Freqmite. Built. Replaced stock 1-turn pot with a Bourne 10-turn pot. Covers 14.027 - 14.064. Sounds and works great! \$95.00 plus shipping.

Prices are firm.

Tnx for looking. Please respond direct.

Gregg, W0MPR

w0mpr@arrl.net

Date: Fri, 23 Jan 2004 16:19:38 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [166110] Black case for BLT
Message-ID: <20040123.161943.9526.0.kc8aon@juno.com>

Someone mentioned painting the case of their Norcal BLT and it made me think of aluminum black that is made for guns ! It's a chemical treatment (not paint) that turns bare aluminum black ! Just buff the aluminum with steel wool, then degrease it with alcohol and apply until you get the degree of black that you desire ! You may be able to get it in the sporting goods at Wally World or at most gun shops.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7, Homebrew 6V6 tube TX
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, MQFD #1
Monthly QRP Field Day info at : <http://www.smartgroups.com/groups/mqfd>
Without CW, it's only CB ! KNOW code - not - NO code !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Fri, 23 Jan 2004 15:46:24 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166111] Occasionally checking the frequently
Message-ID: <000401c3e1fa\$595915f0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

After reading posts by George, W5YR and others on their amazing accuracy in the ARRL FM tests, I decided to fool with it some too. The key idea being that having *audio* frequency analysis software in the soundcard equipped PC could be combined with ordinary receivers and the extra-ordinary signals from the NBS to read things pretty darn close.

I decided to check out my FT-1000 and my W8DIZ frequency standard with this method.

Part 1 is to verify (measure) the accuracy of the soundcard and software. Patched the receiver's line out to the soundcard and tuned in WWV on 10 MHz using AM mode. WWV transmits a variety of tones in AM at different times, but the predominant one and the one I used is 1000 Hz. My software read 1000.4 Hz, so I need to subtract 0.4 Hz from the reading I get in the next tests.

Now to check the FT-1000. I put it in the LSB mode and tune to 10,001 kHz to produce a note (beat with the WWV carrier) of 1000 Hz. Here I measured tones of 1000.1 to 1000.3 Hz. So my receiver is "off" by minus 0.1 to 0.3 Hz, meaning it reads "low" by that amount. Not bad considering its readout is to only 10 Hz resolution. (And I don't have the TXCO.)

Next, I go to a separate "in shack" antenna and listen to the frequency standard instead of WWV, doing the same test as above. Now I read 1000.1 Hz. Now it's a little tricky because I'm within the limits of repeatability. This little board is (to an accuracy of 0.1 hz) somewhere between "dead on" and 0.2 Hz off. That's pretty amazing. I had Diz do the adjustment because I didn't have (or know of) an adjustment method back when I purchased it. So it's been a number of months since the thing was set and it's been lying on my desk in a pile of junk since then.

I guess this is pretty routine stuff in 2004, but it amazes me. "Back in my day" I was doing good to know my frequency within 10 kHz. Now we're talking less than 1 Hz.

Coincidentally, an article appeared in this month's QST describing a method like this and one or two more.

72.00000,

Nick, WA5BDU

Date: Fri, 23 Jan 2004 16:04:40 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: thenels@go.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166112] Re: Baking a BLT

Message-ID: <3.0.2.32.20040123160440.0083a8c0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nelson,

I painted mine with a gray primer that is close to the Elecraft gray color.

I baked it one time but my wife didn't l like that too much -- lots of paint odor in the house.

Even though it's a primer, it makes a nice matt semigloss sort of look. It's quite durable when I let it harden for a week before installing parts.

At 11:02 AM 01/23/2004 -0800, Nelson Winter wrote:

>Hi gang,
>I am in the process of building my BLT and I want to paint the case. I have sanded it and all that, and I'm now ready to paint. I have heard that if I want a really durable finish that I should "bake" the paint on. If this is true, what temperature should I bake it and for how long? (till it is brown? [grin]).
>
>Thanks in advance,
>
>Nelson Winter
>WB6DWD
>Less = More
><http://www.qsl.net/wb6dwd/>
>RM-40/30/20
>QRP-L #2482
>
>-----
>Check-out GO.com
>GO get your free GO E-Mail account with expanded storage of 6 MB!
><http://mail.go.com>
>
>
>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Fri, 23 Jan 2004 15:33:36 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [166113] End and Center Fed Dipoles
Message-ID: <Pine.LNX.4.44.0401231525350.5289-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I looked up in the latest ARRL Antenna Book the End fed Zepp antenna. This book says that you can load a 1/2 wave dipole fed with 450 ohm ribbon that is NOT a 1/4 wave long. It says the feedline will radiate and this can cause difficulty.

The Center fed antenna on the other hand is balanced so the feedline will and should be balanced and thus will not radiate. The length of the antenna and the feedline are not important.

This is why all my wire antenna's are center fed using 450 ohm ribbon feedlines.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 23 Jan 2004 17:33:28 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [166114] Re: THE K2 AND AIRPLANE BUFFS
Message-ID: <4011A138.5060109@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> also found out the slower I come in for landings the closer I stay to the
> start of the runway, instead of the other side...
> also found out when u come in at 15 knots over stall speed u
> better get ur flare correct or u will watch ur main gear flex a lot....
> unless of course u hit on the nose gear, which instantly becomes
> retractable.... :-)

REminds me of when I soloed. My instructor told me to do 3
"touch-and-goes," while she watched from the tower. Of course, I was a
bit nervous and bounced that poor Cessna 150. And I heard her on the

radio counting "1....2....3...Ok, you're done.."

Didn't help my self esteem.....nowdays that would be illegal...

John W2AGN

Date: Fri, 23 Jan 2004 17:43:57 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>, noga <nogaqrp@mailman.qth.net>
Subject: [166115] Fwd: Spooky Atomic Clocks
Message-ID: <6.0.1.1.2.20040123174234.01e1a7e8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Definitely mind stretching!!!

>NASA Science News for January 23, 2004
>
>Einstein called it "spooky action at a distance." Now NASA-funded
>researchers are using an astonishing property of quantum mechanics called
>"entanglement" to improve atomic clocks--humanity's most precise way to
>measure time.
>
>FULL STORY at
>
>http://science.nasa.gov/headlines/y2004/23jan_entangled.htm?list839287
>
>
>Check out our RSS feed at <http://science.nasa.gov/rss.xml>!
>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Fri, 23 Jan 2004 17:57:26 -0500
From: "n3drk" <n3drk@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166116] For CW Buffs
Message-ID: <016201c3e204\$45a91000\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For all you CW buffs or cw wannabees who cannot learn the code, go to this
website and look what this little guy has done. And please no threads saying
I cannot learn the code.

<http://home.inu.net/n5nu/profile.htm>

73's
john

Date: Fri, 23 Jan 2004 18:04:13 -0500
From: "ERNEST GREGOIRE" <e.gregoire2@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [166117] RE: Warren Gregoire Head Phones
Message-ID: <003f01c3e205\$3aecfef0\$6400a8c0@ernesthk6phx5u>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"

Content-Transfer-Encoding: 7bit

Hello Gang,

I have used the boom mike version for a couple of years now. My shack is in my truck and has used it for HF and VHF with no problems on phone.

The only caveat is CW mode. The ic706 MIIG has a lot of audio output. Consequently when I send the side tone is very loud when I am listening to a Weak station. I must turn the volume just a hair from complete shut off in order to listen to my side tone at a comfortable level.

I also wear hearing aids. I shut them off completely which provides an Additional 25 db of attenuation and can still hear the side tone well.

Side tone that is too loud and is not much of a problem using a speaker instead of the headphones, but it is still loud. I looked into adjusting the side tone but with the rig mounted behind the passenger seat, I would need to remove the radio from its perch on the rear wall of the cab. Way to much trouble!

Id' like to install a volume control in the cable supplying audio to the headset.

It's on my list of things to do.

BTW, Warren Gregoire and I are not related.

73 de AA1IK/4

Ernie Gregoire

Date: Fri, 23 Jan 2004 18:47:42 -0500 (EST)
From: <w9ya@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [166118] Re: End and Center Fed Dipoles
Message-ID: <2495.192.168.1.117.1074901662.squirrel@gateway>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

>
> I looked up in the latest ARRL Antenna Book the End fed Zepp
> antenna. This book says that you can load a 1/2 wave dipole fed with 450
> ohm ribbon that is NOT a 1/4 wave long. It says the feedline will
> radiate and this can cause difficulty.

Hey Karl and the gang;

Hmmmmm, where to start with the above. Well I do NOT necessarily agree
with your statement in many respects, but to simplify things and make for
a short response;

One can easily make a feedline that is of a physical length so that it is
NOT electrically a 1/4 wave (or odd multiple thereof) *appear* as an
electrical 1/4 wave long. Some people call these "antenna tuners". So,
there should be (usually) no problem achieving this "requirement" even
when the feedline itself is physically of some other electrical length.

As for the statement below: one can use coax, *AS LONG AS* one takes care
to isolate the "third" path correctly, interchangeably with two-wire line
to center feed a dipole. If the coax is large enough, it can actually have
lower loss characteristics than (so-called) modern ladder line. It also
has the additional benefit of stable loss characteristics in inclement
weather whereas the modern ladder line has LOUSY loss characteristics when
wet.

Hope this helps and vy 72;

Bob
w9ya

>
> The Center fed antenna on the other hand is balanced so the
> feedline will and should be balanced and thus will not radiate. The
> length of the antenna and the feedline are not important.
>
> This is why all my wire antenna's are center fed using 450 ohm
> ribbon feedlines.
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

End of QRP-L Digest 3174
